Use Attainability Analysis

for

WBID 2171 Koen Creek

Submitted by Missouri Department of Natural Resources Staff

To Missouri Department of Natural Resources Water Protection Program

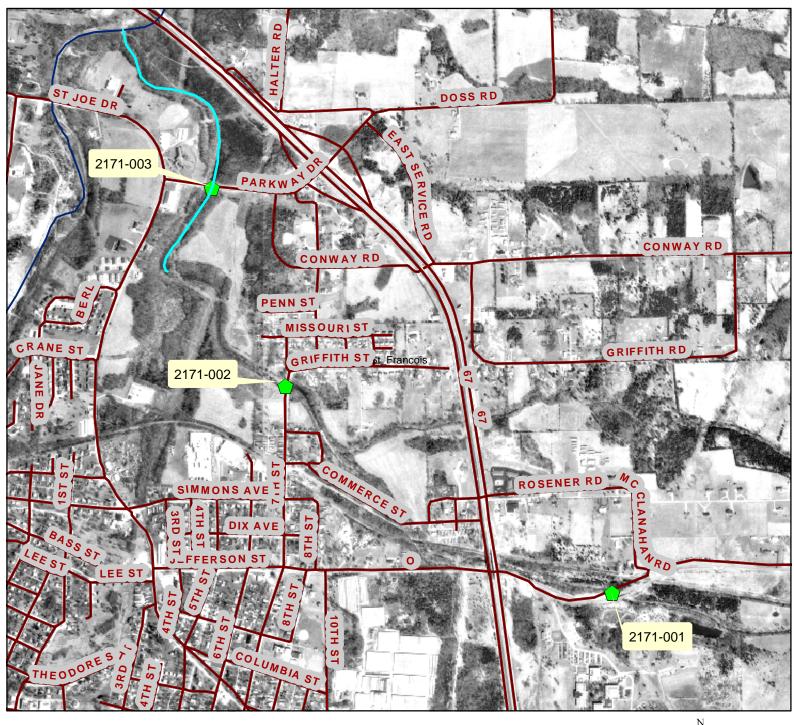
Data Sheet A - Water Body Identification

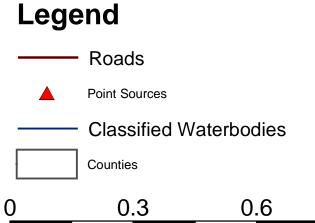
Water Body Name:
(from USGS 7.5' quad) Koen Creek
8-digit HUC: 7140104
Missouri WBID #: 2/7/
· · · · · · · · · · · · · · · · · · ·
County: St. Francois
Upstream Legal Description:
Downstream Legal Description:
Upstream Coordinates:
(UGS 84, ddd.ddddd) 001 90. 4P017 /37, 84898
Downstream Coordinates: (UGS 84, ddd, ddddd) 003
(UGS 84, ddd.ddddd) 003
Discharger Facility Name(s):
Discharger Permit Number(s):
Number of Sites Evaluated: 3
Name of Surveyor and Telephone Number: Mary Clark 573-526-1002
Organization: MONR
Position: E 5 III
the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA
tasheet is true and accurate.

Signed:_	Mon	Clark	Date:	4-25-05	
_					

50

Koen Creek (C) #2171 St. Francois County







1.2 ■ Miles

Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID#: 24	171-001	·	Site Location De	scription:	
Site GPS Coordinates:		37. 8489	Bridge	on O Day s	un Koon a
		0:30	Facility Name:	(
Personnel: mary	Clark		Permit Number.	** *	
Current Weather Condition	ons: Sunny		Weather Conditi	ons for Past 7 days:	ein?
Photo Ids: Upstream:	386 Dow	nstream: 3	F7 Other	г:	
Uses Observed*:					
☐ Swimming	☐ Skin diving	□ sci	UBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	□ Bos	ating	☐ Wading	☐ Rafting
☐ Hunting	☐ Trapping	☐ Fist	ning	None of the above	Other:
Surrounding Condition		cois	Co. 15 1	ises. Attach photos of evider	
items of interest.)	clambing	tower	and to stone		
☐ City/county parks	Playgrounds	☐ MDC co	nservation lands	Urban areas	☐ Campgrounds
☐ Boating accesses	☐ State parks	☐ National	forests	☐ Nature trails	☐ Stairs/walkway
☐ No trespass sign	☐ Fence	☐ Steep sto	pes	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 	<i>!</i>
				Other: HH	<u>x</u>
Evidence of Human Use	*:		_	i is other:	<u>-</u>
Evidence of Human Use	e*:	its 🗆 🗅	lock/platform	Livestock Watering	☐ RV / ATV Tracks
	i		ock/platform		

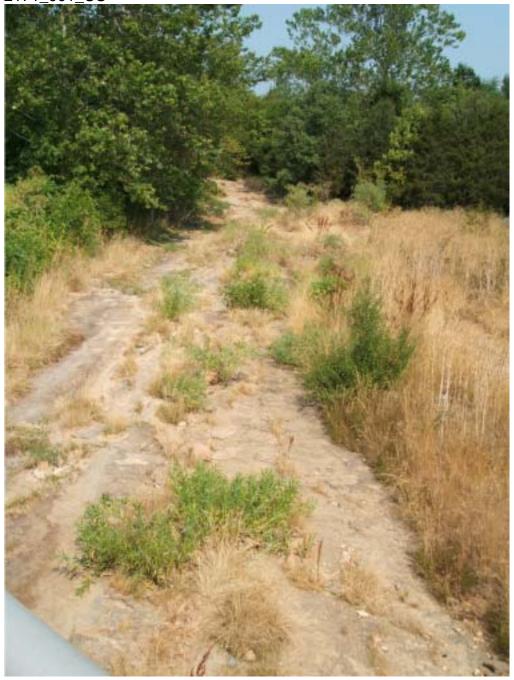
Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

^{*}Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

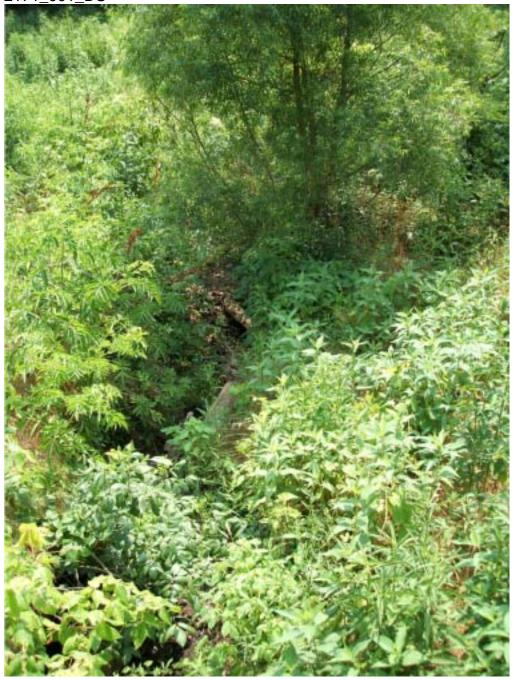
Page Iwo - Data Sheet B for WBID #217/ -: 08/

tream Morp Upstream		sical Dir	nensions:		•		
	Width (ft):	·	Length (ft):	Avg. Depih	(ft):	Max. Depth	(ft):
☐ Run	Width (ft):		Length (ft):	Avg. Depth	(ft):	Max. Depth	(ft):
☐ Pool	Width (ft):		Length (ft):	Avg,iDepth	(ft):	Max. Depth	(ft):
☐ Flow	Present?	☐ Yes	No	Estimated (it³/sec):		,, .a.ii
Downstrea	m View)	Physical	Dimensions:				
	Width (ft):		Length (ft):	Avg. Depth	.(ft):	Max. Depth	(ft):
□ Run	Width (ft):		Length (ft):	Avg. Depth	(ft):	Max. Depth	(ft):
☐ Pool	Width (ft):		Length (ft):	Avg. Depth	(ft):	Max. Depth	(ft):
☐ Flow	Present?	☐ Yeş	S V₀	Estimated (ft ³ /sec):		
	These value		dd up to 100%.)	wal	mc 000 -	// % Mud/Clay	
5 70	Copole	. %	Gravei	% Sand	% Silt	15 % Mud/Clay	85 % Bedrock
quatic Vege	tation*:	note amou	nt of vegetation or	algal growth at the ass	essment site)		, , ,
	N/H		Moens	in bed)		
Vater Chara	cteristics	*: (Mark a	all that apply.)				
Odor:		Sewage	☐ Musky	☐ Chemical	(None	C Other:	_,
Color:		Clear	☐ Green	☐ Gray	□ Milky	Of Other:	W/Ft
Bottom Dep	osit: 🔲	Sludge	□ Solids	☐ Fine sediments	(ZNone	☐ Other:	
Surface Dep	osit: 🗆	Oil	☐ Scum	☐ Foam	☐ None	☑ Other:	NIA
This information comprehensive undersion on the realistic control of the realistic control of the undersion	n is not to t inderstandir ecreation us gned, he	oe used sole ng of water se analysis reby affi	ely for removal of a conditions. Conse but may point to co rm to the best	(including informa a recreational use design equently, this information onditions that need furt of my knowledge.	mation but rath on is not intend her analysis or that all info	ter is to provide a m ded to directly influ- that effect another ermation report	ore ence a use. ed on this UAA
	rue and a	-1	_	ted bookedDate:	0-20	•	-ascan
Organization:	mo.	NA		Positio	on: <u>走</u> S	TIL	

2171_001_US



2171_001_DS



Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

			J2/2		
Missouri WBID#: 2	171-00	2	Site Location De		
Site GPS Coordinates: 9	10,49509/3	7.856	21 7th 50	Bridge out	e face CA
Date & Time: Jun	128-10	:05	Facility Name:	U	,
Personnel: May	Clark		Permit Number:		
Current Weather Condition	ons: Sunn	1.	Weather Conditi	ons for Past 7 days:	ned?
Photo Ids: Upstream:		nstream:	385 Othe	r:	
	<u> </u>	<u>-</u>			
s Observed*:					T
☐ Swimming	☐ Skin diving	0:	SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking		Boating	☐ Wading	☐ Rafting
☐ Hunting	☐ Trapping		Fishing	None of the above	Other:
	egroup-				of recreational uses, etc.)
58m	egroud -	nun	impede recreational	uses. Attach photos of evider	nce or unusual
5 8 m.	1 groud -	nun	impede recreational	uses. Attach photos of evider	nce or unusual
5 8 m.	1 groud -	nun	impede recreational	uses. Attach photos of evider	nce or unusual
rrounding Condition	1 gravel -	romote or	impede recreational	uses. Attach photos of eviden	nce or unusual park Ch
rrounding Condition as of interest.) New f	(Mark all that s	romote or	impede recreational Legiber 16.	uses. Attach photos of evider Luck / Rob, Urban arens Nature trails	ce or unusual Campgrounds Stairs/walkway
rrounding Condition as of interest.) New f City/county parks Boating accesses	Mark all that so the street of Playgrounds State parks Fence State St	romote or MDC Natio	impede recreational in Legis - Passervation lands mal forests slopes	Urban arens Nature trails	ce or junusual Pack (k
rrounding Condition as of interest.) New for City/county parks Boating accesses No trespass sign	Mark all that so the street of Playgrounds State parks Fence State St	promote or MDC Natio	impede recreational in Legis - Passervation lands mal forests slopes	Urban arens Nature trails	Campgrounds
rrounding Condition as of interest.) Man I City/county parks Boating accesses No trespass sign idence of Human Us	State parks	oromote or MDC Natio	impede recreational Legib les conservation lands mal forests slopes	Urban areas Nature trails Other: Cusc, Cardiga	Campgrounds Stairs/walkway Stairs-keer

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

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... Page Two - Data Sheet B for WBID # 2/71-06 2

stream Vi	idth (ft):		Length (ft):	Avg. Depth (f	t):	Max. Depth (т):
1 (41114	idth (ft):		Length (ft):	Avg. Depth (I	ît):	Max. Depth ((ft):
, <u>Killi</u>	idth (ft):	···	Length (ft):	Avg. Depth (t):	Max. Depth ((ft):
11001	esent?	☐ Yes	√No	Estimated (It	/sec):		_
<u> </u>							
ownstream	ı View P	hysical l	Dimensions:			Max. Depth	(ft):
Riffle W	idth (ft):	<u>.</u>	Length (ft):	Avg, Depth (
⊒ Run W	/idth (ft):		Length (ft):	Avg. Depth (Max. Depth	
□ Pool W	/idth (ft):		Length (ft):	Avg. Depth (Мах. Дери	<u>(π):</u>
Flow Pr	resent?	□ Yes	₫ % ₀	Estimated (fl	3/sec):		
							•
strate*: (T	nese valu		dd up to 100%.)	<u> </u>	% Silt	% Mud/Clay	70 % Bedroo
ام ۱۹۲۸ وسال	obble	15 %	Gravel	% Sand	78 3111	74 [7](02.0	X
			NA				
	cteristic	s*: (Mark	NA all that apply.)				
ter Charac			all that apply.)	☐ Chemical	□ None	☐ Other:	
		s*: (Mark		☐ Chemical ☐ Gray	□ Milky	Other:	N/A
Odor:		Sewage Clear	☐ Musky				N/A N/A
Odor: Color:	osit:	Sewage	☐ Musky	☐ Gray	☐ Milky	Other:	N/A N/A N/A
Odor: Color: Bottom Depo Surface Dep mments: P	osit: Cosit: Cos	Sewage Clear Sludge Oil tach addit	☐ Musky ☐ Green ☐ Solids ☐ Scom ional comments liely for removal of	Gray Fine sediments Foam (including information are recreational use designments)	☐ Milky ☐ None ☐ None ☐ Interest interest in the property interest interes	Other: Other: Other: terviews) to this or is to provide a red to directly infl	nore uence a
Odor: Color: Bottom Depo Surface Dep mments: P	osit: Cosit: Cos	Sewage Clear Sludge Oil tach addit	☐ Musky ☐ Green ☐ Solids ☐ Scom ional comments liely for removal of	Gray Fine sediments Foam (including information are recreational use designments)	☐ Milky ☐ None ☐ None ☐ Interest interest in the property interest interes	Other: Other: Other: terviews) to this or is to provide a red to directly infl	more uence a
Odor: Color: Bottom Depo Surface Dep mments: P his informatio mprehensive u ission on the r the unders atasheet is t	osit: Clease attenderstanderstanderstandigmed, h	Sewage Clear Sludge Oil tach addit be used so ling of wate use analysi ereby aff	☐ Musky ☐ Green ☐ Solids ☐ Scum ☐ Sc	Gray Fine sediments Foam (including informated arecreational use designments), this informated conditions that need fine	☐ Milky ☐ None ☐ None ☐ None tion from intention is not intention ther analysis or that all info	Other: Other: Other: Other: erviews) to this er is to provide a reded to directly inflet that effect another	nore uence a r use. rted on this UA
Odor: Color: Bottom Depo Surface Dep mments: P his informatio mprehensive u sision on the r	osit: Clease attenderstanderstanderstandigmed, h	Sewage Clear Sludge Oil tach addit be used so ling of wate use analysi ereby aff	☐ Musky ☐ Green ☐ Solids ☐ Scum ☐ Sc	Gray Fine sediments Foam (including informate designments) Foat a recreational use designments designments that need fine to finy knowledge, Date:	☐ Milky ☐ None ☐ None ☐ None tion from intention is not intention ther analysis or that all info	Other: Other: Other: Cother: C	nore uence a r use. rted on this UA.

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2171_002_DS

Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

			<u> </u>		·
Missouri WBID #: 🧔 /	71-003		Site Location De	-	
Site GPS Coordinates: 90	5.49817/37	864	101 Parkwa	y Os. Brills	cour ko
Date & Time: June		کھ	Facility Name:	7	·
Personnel: Mare	Clark		Permit Number:		
Current Weather Condition	ons: 5 works		Weather Conditi	ons for Past 7 days: rec	n zeske Say
Photo Ids: Upstream:	383 Dow	nstream			0
es Observed*:				1	O.W. billion
☐ Swimming	☐ Skin diving		SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	(Boating	☐ Wading	C Rafting
☐ Hunting	☐ Trapping	. 0] Fishing	None of the above	☐ Other:
errounding Condition	ns*: (Mark all that p	promote	or impede recreational t	ises. Attach photos of evider	nce or unusual
ms of interest.)	1	·· ·		<u> </u>	<u> </u>
☐ City/county parks	☐ Playgrounds	□м	OC conservation lands	Urban areas	☐ Campgrounds
☐ Boating accesses	☐ State parks	□ Na	tional forests	☐ Nature trails	☐ Stairs/walkway
☐ No trespass sign	☐ Fence	☐ Ste	ep slopes	Kother: Case	seces
vidence of Human U:	te*:			New Bridge	- laye keg k
Roads	☐ Foot paths/pri	nts	☐ Dock/platform	☐ Livestock Watering	□ RV / ATV Tracks
☐ Rope swings	☐ Camping Site		☐ Fire pit/ring	☐ NPDES Discharge	☐ Fishing Tackle
Other:			· · · · · · · · · · · · · · · · · · ·		
					

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

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∃ Riffle Width (Physical Dir	Length (ft):	Avg. Depth (f	t):	Max. Depth (ft):	
Run Width		Length (ft):	Avg. Depth (i	t):	Max. Depth (ft):	
Pool Width	`	Length (ft):	Avg. Depth (I		Max, Depth (ft):	
☐ Flow Present		DVNo	Estimated (ft	/sec):		
ownstream i		5 cheo	~ idey «	eon.ir o	this one	g
□ Riffle Width		Length (ft):	Avg. Depth (ft):	Max. Depth (ft):	
<u></u>	(ft): 18	Length (ft);	O Avg. Depth (R): 0.75	Max. Depth (ft): 2.5	<u> </u>
□ Pool Width	(ft): _	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):	
☐ Flow Presen	···	OX No	Estimated (ft	3/sec):		
	(up 51/200 n": (note amo	6 Gravel unt of vegetation or al	% Sand	% Silt Sc	% Mud/Clay 8-6 %	Bed
Boaldler Boaldler uatic Vegetatio	(p) Theo willews	unt of vegetation or al	lgal growth at the asse		% Mud/Clay 80 %	Bed
Boaldles uatic Vegetatio	(p) Theo willews	unt of vegetation or al	lgal growth at the asse		% Mud/Clay & %	Bed
Boaldler uatic Vegetatio mosno O agai ater Characteri	cep 51/200 n*: (note amo william (pc) % stics*: (Mark	unt of vegetation or al	Igal growth at the asset the effective most by	(Lange	x x	i Bed
Boaldles uatic Vegetatio Marie O Agas ater Characteri Odor:	(ap 5\fraction of the strict o	unt of vegetation or al 14 Walke & Bortled ail that apply.) Musky	Igal growth at the asset	Somet site)	Other:	is Bed
Boalder Boalder uatic Vegetatio Mosco- Odor: Color: Bottom Deposit: Surface Deposit:	stics*: (Mark	unt of vegetation or al in walke & Spread ail that apply) Musky Green Solids Seum	Igal growth at the asset	None None None	Other:	i Bed

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